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Title: (ENG) MAMMOGRAPHY DEVICE

Abstract: (ENG)

PURPOSE: To easily discriminate between a very small calcified shadow and a mass shadow by providing a means for inputting a mammogram image and a means for emphasizing the contrast of the mammary gland area of the inputted mammogram image.

CONSTITUTION: A memory 14 temporarily stores image data and the data and programs of a system disk 12 and the writing/reading of data in the memory 14 is controlled by a central controller 16. The image obtained by an X-ray detector 4 is stored in the memory 14 and is outputted from an output device 10, and an image reader performs the diagnosis based on the output. When the adjustment of a contrast is performed as an image processing, the range of the picture element value of an image to be displayed when a magnified display is performed becomes smaller as compared with the range of a standard image and the difference of maximum and minimum signals becomes smaller. Therefore, the contrast is adjusted by combining this signal difference. An abnormal shadow is shown on a mammogram image due to various kinds of factors such as a calcification and the shape of a tumor and the abnormal shadow is displayed on the device 10.

Application Number: JP 33686994 A**Application (Filing) Date:** 19941227**Priority Data:** JP 33686994 19941227 A X;

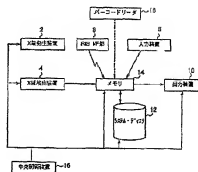






Inventor(s): YAMADA SHINICHI; NAGAI SEIICHIRO; NISHIKI MASAYUKI; NABUCHI KOUICHIROU; TAGUCHI KATSUYUKI; SAISU TORU; TOMIZAKI TAKAYUKI; TSUKAMOTO AKIRA

Assignee/Applicant/Grantee: TOSHIBA MEDICAL ENG.; TOKYO SHIBAURA ELECTRIC CO

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Legal Status: There is no Legal Status information available for this patent


     
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